

---

**CONSTRUCTION MANAGER'S  
WEEKLY STATUS REPORT  
FOR THE WEEK  
11/13/08 – 11/19/08**

**RECONSTRUCTION OF BENNING ROAD, NE  
FROM 14<sup>TH</sup> AND H STREET TO OKLAHOMA AVENUE  
CONTRACT NO. POKA 2005 - C - 0031 – CB**

---



Benning Road at 16<sup>th</sup> Street looking east. Installation of luminaires and globes on newly installed streetlight poles.

---



Benning Rd Reconstruction  
Project Field Office  
1322A H Street NE  
Washington, DC 20002  
(o) 202.388.3081 (f) 202.388.3083

## EXECUTIVE SUMMARY

### Project Description

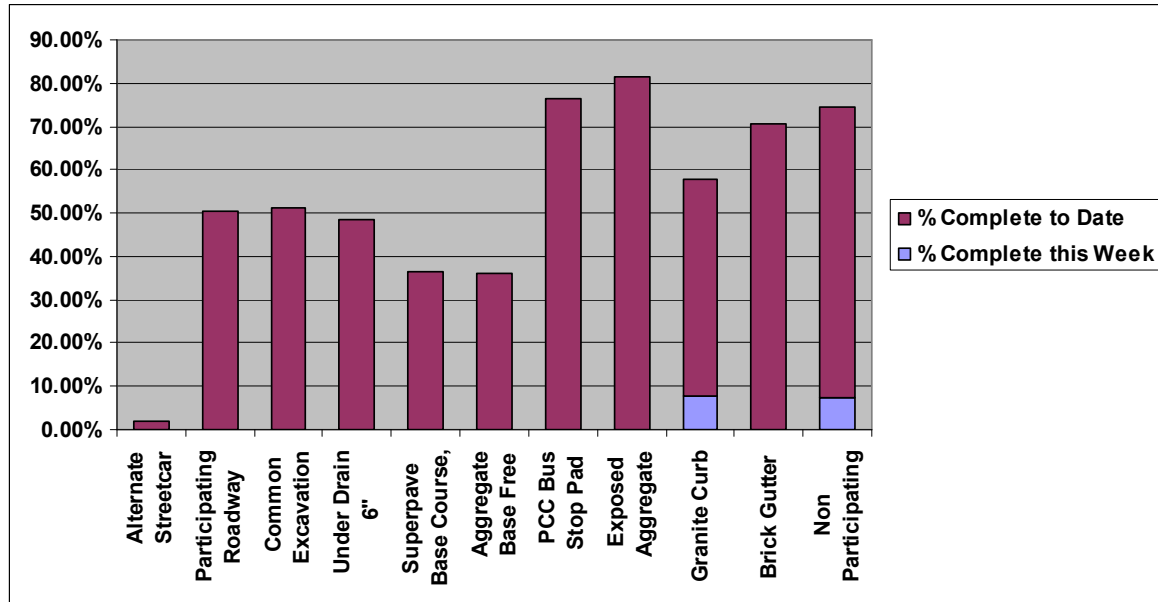
The project involves the phased reconstruction of the eastbound and westbound Benning Road, NE from 14<sup>th</sup> and H Street to Oklahoma Ave. The project also includes portions of Maryland Avenue and Bladensburg Road. Work on the project includes the following:

- Pavement Restoration with the placement of brick gutter and granite curbs adjacent to asphalt over aggregate sub base.
- Sidewalk restoration featuring exposed aggregate sidewalks surface treatment
- Safety Improvements—crosswalks, wheel chair ramps, and driveway entrances
- Streetlight and Traffic Signal Upgrades—Pedestrian level lighting, improved streetlights, upgraded traffic signal and timing
- Drainage Upgrades—New inlet basins, sewer line upgrades
- DCWASA-upgrades to water main lines
- Landscaping upgrades featuring the construction of the Starburst Plaza which will include a historical mural and multiple outdoor attractions for the neighborhood.
- Streetcar tracks: DDOT plans to install tracks from the intersection of Oklahoma Avenue and Benning Road to 3<sup>rd</sup> Street along H Street. Tracks will be installed on the eastbound and westbound lanes.
- Coordination with multiple utility companies performing construction activities within the project limits.

The total value of the contract at award to Capitol Paving of DC, Inc. is \$35,448,123.90. The notice to proceed date was December 12, 2007 with project duration of 730 calendar days for scheduled completion date of December 11, 2009.

## Progress

Percent complete for Alternate Streetcar Work, Participating Roadway and WASA work are shown in the graph below. Participating Roadway is further broken down in the following key activities: Common Excavation, Under Drain 6", 19 mm Asphalt Placement, 25 mm Free Drain Placement. Bus Stop Pads, Exposed Aggregate Sidewalk, Granite Curb and Gutter.



### **Issues and Resolutions:**

- Work on the Starburst Area PEPCO distribution line construction, between 14<sup>th</sup> Street and 16<sup>th</sup> Street, has yet to be started. Permit for this work is still pending. The original project duration was from February 2009 to November 2009. Percent complete for this work is 0%.
- The project timeline has been condensed due to that the delayed start of work will continue to impact the production of the Capitol Paving work for the project. The new project duration is proposed to be from mid November 2008 to May 2009.
- Capitol began the removal and replacement of the north bound curblane on 11/6/08. Completion and progress of this work is dependent upon the progress and completion of the PEPCO Feederline Replacement work.
- Progress by PEPCO on the on the Feederline Replacement work has slowed between 18<sup>th</sup> Street and 19<sup>th</sup> Street due to issues in tunneling under existing utilities. A definite completion date is uncertain at this time but is expected by 12/31/08.
- The PEPCO work on the Feederline Replacement and the delayed start of the PEPCO Starburst area work continues to delay progress of Roadway work.
- Production from Capital Paving has been reduced by 66% on a weekly basis due to the ongoing PEPCO work.
- The project timeline for the Starburst PEPCO distribution line has been condensed due to that the delayed start of work will continue to impact the production of the Capitol Paving work for the project. The new project duration is proposed to be from mid November 2008 to May 2009.
- The permanent MOT has been reinstalled for Capital Paving and Washington Gas to continue work on the south side. The completion of the gas main work is required in order for Capitol Paving work to be completed.
- Gasline and service installation on the 1800 Block is slow due to the inaccessibility of the residents in the area. Interior access is required for the completion of the work.
- The 2<sup>nd</sup> Washington Gas crew has commenced work on 10/11/08.

## WORK PERFORMED

For the week ending November 19, 2008, the following specific construction progress has been made in the areas listed:

### 1. **Thursday 11/13:**

#### Benning Road:

Removal of the PCC Barriers between 23<sup>rd</sup> Street and 26<sup>th</sup> Street. Installation of the one #16 Cast Iron Pole (#LB19) on the south side at 15<sup>th</sup> Street. Excavation work and the installation work for the 12" Ductile Iron Pipe for Watermain "D" on the southside at the 1500 Block.

#### Florida Ave East Side:

Installation of one #16 Cast iron Pole (#LF10).

#### Morse Street East (Starburst Plaza):

Test Pitting at the existing waterline for the Watermain "A" installation.

#### PEPCO work:

Work on the excavation of the trenching, hand digging around utilities and the installation of the shoring of the trench. Work on the setting of the manhole frame and cover Manhole #7 and the installation work for manhole #3.

#### Washington Gas:

Continuation of the excavation work for the installation of the gas line.

### **Friday 11/14:**

#### Benning Road:

Installation of the curb and gutter on the southside between 16<sup>th</sup> Street and 17<sup>th</sup>. Installation of the 12" ductile Iron Pipe on the south side between 16<sup>th</sup> Street and 17<sup>th</sup> Street. Removal of all PCC Barriers and formwork on the center lane at 21<sup>st</sup> Street. Installation of 8 – 250 Watt HPS conversion Kits at 15<sup>th</sup> Street. Installation of a fire hydrant, valve casing at the 1500 Block. Cutting of the existing pipe and backfill work of the trench for the watermain "D".

#### Bladensburg Rd North Bound Lane:

Excavation work around the existing pipe of Watermain "I".

#### Maryland Ave North and South:

Installation of 30 – 250 Watt HPS conversion Kits / 1- #118 Plastic Globes.



Benning Rd Reconstruction  
Project Field Office  
1322A H Street NE  
Washington, DC 20002  
(o) 202.388.3081 (f) 202.388.3083

H Street / Florida Ave.:

Installation of one 250 watt HTP conversion Kit and one #118 Plastic Globe.

PEPCO work:

Work on the excavation of the trenching, hand digging around utilities and the installation of the shoring of the trench. Continuation of the work on Manhole #7 and manhole #3.

Washington Gas:

Continuation of the excavation work for the installation of the gas line.

Capitol Paving Removal/ Replacement of N/B Curblane:

Preparation of the grading work. Density Testing scheduled at 142+95 to 144+82. Density testing performed and passed at 128+50 and 133+50. Continuation of the compaction and grading work at 26<sup>th</sup> Street. Demolition and excavation work on the north side curb lane from 26<sup>th</sup> Street to 21<sup>st</sup> Street.

**2. Saturday 11/15:**

Capitol Paving Removal/ Replacement of N/B Curblane:

Continuation of the demolition and excavation work on the north side curb lane from 26<sup>th</sup> Street to 21<sup>st</sup> Street.

Morse Street:

Continuation of the work on the removal of the existing watermain and the installation of the pipe for the tie connection at Watermain "D".

Bladensburg Road:

Installation work of the pipe from Watermain "I" to Watermain "D".

**3. Sunday 11/16:**

No work completed.

**4. Monday 11/17:**

Benning Road:

Installation of the valve casing at the south west corner of 17<sup>th</sup> Street. Backfill work over the 12" Ductile Iron Pipe installation at the intersection of 17<sup>th</sup> Street. Installation of the 12" Ductile Iron Pipe between 16<sup>th</sup> Street and 17<sup>th</sup> Street. Installation of 7 -250 Watt HPS conversion Kits and the installation of 7 - #118 Plastic Globes. Excavation and formwork for the thrust block @ Watermain "D".



Benning Rd Reconstruction  
Project Field Office  
1322A H Street NE  
Washington, DC 20002  
(o) 202.388.3081 (f) 202.388.3083

Bladensburg Rd Between Morse Street and H Street:

Installation of 3 -250 Watt HPS conversion Kits and the installation of 3 - #118 Plastic Globes.

Bladensburg Rd:

Installation of the formwork for the cast in place thrust block for the Watermain "I".

Morse Street North Side Between 54+00 & 54+50:

Installation of the formwork for the cast in place thrust block for the Watermain "D".

Florida Ave:

Installation of 8 -250 Watt HPS conversion Kits and the installation of 8 - #118 Plastic Globes.

PEPCO work:

Work on the excavation of the trenching, hand digging around utilities and the installation of the shoring of the trench. Continuation of the work manhole #3.

Washington Gas:

Continuation of the excavation work for the installation of the gas line. Work on the excavation of the trenching, hand digging around utilities.

Capitol Paving Removal/ Replacement of N/B Curb Lane:

Continuation of the compaction and grading work at 26<sup>th</sup> Street. Demolition and excavation work on the north side curb lane from 26<sup>th</sup> Street to 21<sup>st</sup> Street.

**5. Tuesday 11/18:**

Benning Road:

Installation of the 12" Ductile Iron Pipe on the south side between 16<sup>th</sup> Street and 17<sup>th</sup> Street. Installation of the 12" Valve at station 13+40. Installation of formwork and placement of the concrete for the cast in place thrust block for Watermain "D".

Bladensburg Rd / E. Morse Street @ Intersection:

Backfill work and the placement of the temporary Asphalt over the trench.

W. Morse Street North Side:

Backfill of the 24" DIP Trench and the placement of the temporary Asphalt.





Benning Rd Reconstruction  
Project Field Office  
1322A H Street NE  
Washington, DC 20002  
(o) 202.388.3081 (f) 202.388.3083

Maryland Ave North:

Splicing of the cable at various locations.

PEPCO work:

Work on the excavation of the trenching, hand digging around utilities and the installation of the shoring of the trench. Continuation of the work on manhole #3.

Washington Gas:

Continuation of the excavation work for the installation of the gas line and service connection work.

Capitol Paving Removal/ Replacement of N/B Curblane:

Continuation of the compaction and grading work at 26<sup>th</sup> Street. Demolition and excavation work on the north side curb lane from 26<sup>th</sup> Street to 21<sup>st</sup> Street. Placement of concrete for the installation of two 90' PCC Bus Pads.

**6. Wednesday 11/19:**

Benning Road:

Placement of the Graded aggregate base on the south side between 21<sup>st</sup> Street and 23<sup>rd</sup> Street. Excavation for the installation of the 12" and 6" ductile Iron Pipe at 19<sup>th</sup> Street. Installation of the 12" Ductile Iron Pipe on the south side between 16<sup>th</sup> Street and 17<sup>th</sup> Street. Splicing of the cable work at various locations at 15<sup>th</sup> Street. Contractor repaired the traffic signal on the south side at 17<sup>th</sup> Street.

Starburst Plaza (East Corner):

Trench Excavation at the existing watermain. Shoring work of the excavated area. Work on removal of the existing pipe. Installation of the 24" Ductile Iron pipe.

PEPCO work:

Work on the excavation of the trenching, hand digging around utilities and the installation of the shoring of the trench. Continuation of the work on manhole #3.

Washington Gas:

Continuation of the excavation work for the installation of the gas line and service connection work.

Capitol Paving Removal/ Replacement of N/B Curblane:

Continuation of the compaction and grading work at 26<sup>th</sup> Street.





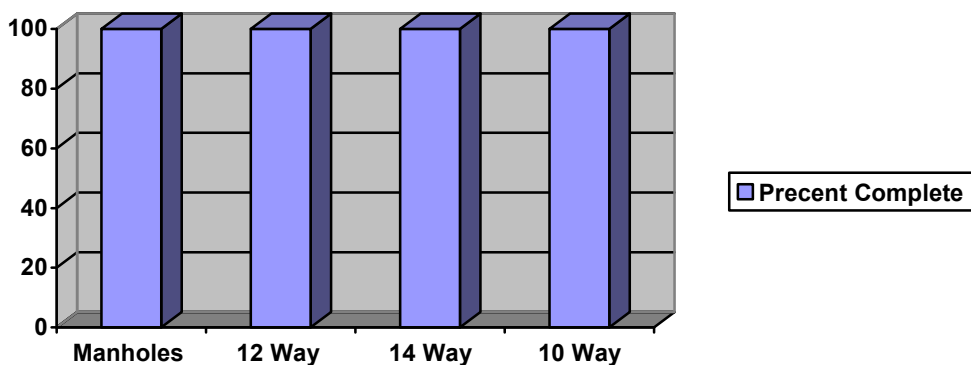
Benning Rd Reconstruction  
Project Field Office  
1322A H Street NE  
Washington, DC 20002  
(o) 202.388.3081 (f) 202.388.3083

## Utilities Reconstruction Update 11-19-08

### PEPCO:

#### Distribution Line Duct Bank Construction:

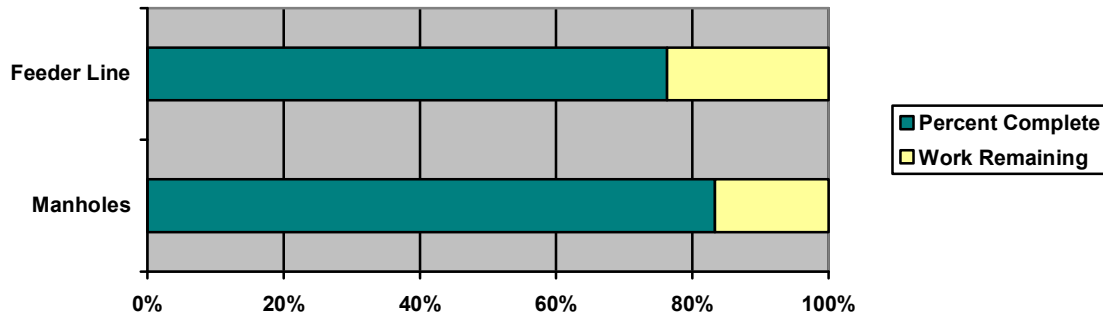
Manholes Completed:	20	Total Manholes: 20	%Complete: 100%
12 Way Length Complete:	7764'	Total Length: 7764'	%Complete: 100%
14 Way Length Complete:	1619'	Total Length: 1619'	%Complete: 100%
10 Way Length Complete:	34'	Total Length: 34'	%Complete: 100%



#### PEPCO Feeder Line Replacement:

4000' total feeder	3050 feet complete	76.3% complete
6 Manholes total	5 completed	83.3% complete

Work has started on 9/11/08. Initial saw cutting of the roadway was completed on 9/10/08. Expected duration is 180 days.



- 100 feet of feeder line was installed within this weekly report period
- One manhole was completed during this report period.

The delay in the start of this work has impacted the production of Capitol Paving work. Production from Capitol Paving has been reduced by 66% on a weekly basis.

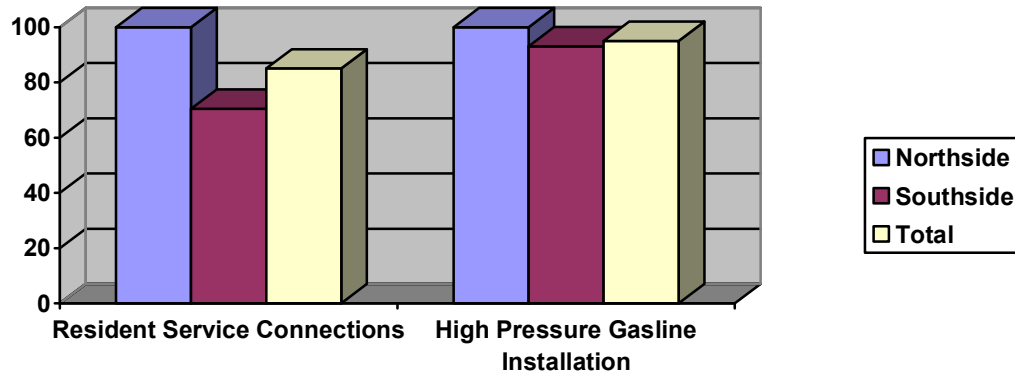
### **Washington Gas:**

Washington Gas continued the work on the south side gas main installation and connections on 10-14-09. The schedule for the Resident Service Connections and High Pressure gas line installation is on track.

Project progress for the report period:

- Installation of approximately 678' of gas main was installed
- 2 service connections were made this week on the southside.

### Washington Gas: Percent of Work Completed



#### Northside:

Completed Connections:	43	Total Connections	43	%Complete:	100%
Gas Main install complete:	1290'	Total Length	1290'	%Complete:	100%

#### Southside:

Completed Connections:	31	Total Connections	44	%Complete:	70.45%
Gas Main install complete:	3098'	Total Length	3325'	%Complete:	93.17%

#### Project Totals:

Completed Connections:	74	Total Connections	87	%Complete:	85.06%
Gas Main install complete:	4388'	Total Length	4615'	%Complete:	95.08%

#### Clear Channel:

Four bus stops requiring electrical connections have been completed.

An additional bus stop shelter was installed at 19<sup>th</sup> Street. Electrical connections for this shelter are pending. Bus stop pavement for the bus stop at the north east corner of 26<sup>th</sup> Street is pending repair due a difference in elevation between the bus stop and the newly installed exposed aggregate sidewalk.



Benning Rd Reconstruction  
Project Field Office  
1322A H Street NE  
Washington, DC 20002  
(o) 202.388.3081 (f) 202.388.3083

**Attachment A:**

**RECONSTRUCTION OF BENNING ROAD N.E.  
TWO WEEK LOOK AHEAD SCHEDULE  
STARTING 11-19-08 TO 12-3-08**

**Bladensburg Rd. & Morse St**

- **11-19-08 Continue to work on water main D (10 Days)**

**19<sup>th</sup> & Benning S/S**

- **11-19-08 Continue with Watermain A (10 days)**
- **11-20-08 shut-off for tie-in (1 night)**

**1500 & 1600 Blocks Benning Rd. S/S**

- **11-19-08 continue with watermain A (10 days)**

**Nationwide Electrical Work**

- **11-19-08 Continue to splice cable and pull wire at various locations (10 days)**

**Work for PEPCO on N/S**

- **11-19-08 Continue with roadway excavation (5 days)**
- **11-19-08 Continue installation of GAB (3 days)**
- **11-19-08 Pour finished concrete at Metro overpass (3 days)**
- **11-24-08 Begin asphalt work (5 days)**



Permanent MOT area on south side curb lane at 16<sup>th</sup> Street. Installation of Brick Gutter.



Installation of the 12" Ductile Iron pipe for the Watermain "A" at the 1600 Block.





Granite curb and the installation of the Brick Gutter at the 1600 Block.



Adjustment/ installation of the manhole rim and cover on a newly installed manhole at the 1700 Block.





Installation of the Granite curbs for a resident driveway entrance on the 1600 Block.



Installation of a new fire hydrant and manhole for the shut off valve.